

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/574,842
Source: JFWP
Date Processed by STIC: 04/20/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 04/20/2006

PATENT APPLICATION: US/10/574,842

TIME: 10:19:29

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04202006\J574842.raw

```

3 <110> APPLICANT: Korea University Industry and Academy Cooperation Foundation
5 <120> TITLE OF INVENTION: SUCROSE-INDUCIBLE PROMOTER FROM SWEETPOTATO
7 <130> FILE REFERENCE: Q92637
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/574,842
C--> 9 <141> CURRENT FILING DATE: 2006-04-06
9 <150> PRIOR APPLICATION NUMBER: KR 10-2004-0070820
10 <151> PRIOR FILING DATE: 2004-09-06
12 <160> NUMBER OF SEQ ID NOS: 5
14 <170> SOFTWARE: KopatentIn 1.71
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 1979
18 <212> TYPE: DNA
19 <213> ORGANISM: Ipomoea batatas cv Yumli
21 <220> FEATURE:
W--> 22 <221> NAME/KEY: n
23 <222> LOCATION: 333..333
24 <223> OTHER INFORMATION: Unknown
26 <220> FEATURE:
W--> 27 <221> NAME/KEY: n
28 <222> LOCATION: 468..468
29 <223> OTHER INFORMATION: Unknown
31 <220> FEATURE:
W--> 32 <221> NAME/KEY: n
33 <222> LOCATION: 563..563
34 <223> OTHER INFORMATION: Unknown
36 <400> SEQUENCE: 1
37 actgatactt tgggtgactgc attgtgtttg ggtcttgcca aatctattga gggaggggaa 60
39 gaaagtagaa gtgtcaggga ttggtgtgtg gtggggtttc caaagtttcc ctcttttctt 120
41 ttcttattct tagtttgctc gtcataagtg tcagggattg gtaaccaata gaaatctcat 180
43 cttaaaccta tatgtatggt ctagtatcat aattaagctc ttactcaaag gaatgttcca 240
45 tttaggtcat ttttaatgtc tatcaattga tcatttcaag taaacaaaac tctggctcta 300
W--> 47 atgctgggac tttggtttct ttattatgca gtnntatggg ataaagggtg gttatgggtg 360
49 catcccgggg ccatcaatcg gaagagatgg agctcctgct ccaggagggg gttgctgcag 420
W--> 51 ctgaaaatgg gacgtaattt cttttgagta aatgcttgtt tcattgtnaa ttcgtgacta 480
53 attgttcttt gtttttcaat tgttcaaaaag cttactatgt atacgtgggtg tataatgtaa 540
W--> 55 tacaacagcc agcattagga tagnaatagag gtttcaaatt aaactcaacc agaactcctgc 600
57 ttattttcgag aattactacc attctcaaaa aataaataaa taaatcatga gatgtgttga 660
59 tataaataaa taaatcatga gatgtgttga acgctcttca agtttttcac agttgtatga 720
61 ataatgacga gcacatgata gttagagaac ttaggagcat tgaatctggg gcttgggctg 780
63 atcgatttat ggcattgatgc agtgcattca ctgtatagcg tgtgattgca ggcattagat 840
65 cttgggttat ggtctgcatt tcacgtgggg tgaccatttt gtgccgtttc cgtcagccac 900
67 ttaaatggac caacatcccc tgaggaagac ctgcaaattc agacttagac acactaatta 960
69 taggggcata tgatattatg attggataat ggctgatgaa attttcagcc gttaattcta 1020

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```

71 aacaataaac agtatggcgg tctatgaatg ataacgatct ttaagctgaa gatgggcaaa      1080
73 acaatatgga tegtctacta gtatttgtct ctttccttat cctgcttgtc tacaccacaa      1140
75 tactaaagac caaaacttga gtgactgaga gaaatatgca ttcattatcc gagtctgtat      1200
77 catgtaaatt ttatcttgta attttaacta ataaaaaatc aggagaaaat cagcctaaat      1260
79 tatttatagc tcataactta ctagttcaga ctaagaagac taataaaaaca tccccgttac      1320
81 aaaattaaca ttttgactaa cttgtaacgt ttgcatgggc agaaacagga tacaccaact      1380
83 ttggttgtga tgatgatatc atatcataaa caaacctcc aaaaagtcac ttgcaagggtg      1440
85 gcactttgcg acagaccacc atgcttaatt gctcataatc agctaaacta ttattattac      1500
87 tttataaaat attttcgccc catatcatat aatttggcca ataataatc attttatctg      1560
89 tcttacttat tatttattaa ttacataaaa tgaaacggaa tgaataacat aaataatata      1620
91 aagatatact cgtataagt aacgggtgcaa aggagccgat tagatatatt cagtaatcac      1680
93 aagtcacatg tgatcataatc atgtgtatatt tcatataaaa ataaaactag tataccccac      1740
95 cctgattttt gctctaaact tccaaatata cccttgggtca cgcaaagct agccgctggt      1800
97 ttggaagggc aaaccgtaaa tgttgacaaa ttctttggca attaggtaat aggtgtcacc      1860
99 tatttgaaca cttactataa aaggacgcct agtttctgtc caaatttcaa cagaatcact      1920
101 cgcttccaca cactccaaag tccgcagaga gtcagagtg gtagcgcggc ttaaaaatg      1979
104 <210> SEQ ID NO: 2
105 <211> LENGTH: 27
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Primer for PCR
113 <400> SEQUENCE: 2
114 cgagtcgaca ctgatacttt ggtgact      27
117 <210> SEQ ID NO: 3
118 <211> LENGTH: 27
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Primer for PCR
126 <400> SEQUENCE: 3
127 tgcggatcct tttaagccgc gctacca      27
130 <210> SEQ ID NO: 4
131 <211> LENGTH: 27
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Primer for PCR
139 <400> SEQUENCE: 4
140 cgcgcatgca ctgatacttt ggtgact      27
143 <210> SEQ ID NO: 5
144 <211> LENGTH: 27
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Primer for PCR
152 <400> SEQUENCE: 5
153 tgcggatcct tttaagccgc gctacca      27

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/574,842

DATE: 04/20/2006
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Input Set : A:\pto.da.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 333,468,563

VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:22 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:27 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:32 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:300
L:51 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:420
L:55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:540